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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/954,666	09/12/2001	Sangeetha Narasimhan	10007341-1	7568

7590 04/07/2004

HEWLETT-PACKARD COMPANY  
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EXAMINER

PHILLIPS, HASSAN A

ART. UNIT PAPER NUMBER

2151

DATE MAILED: 04/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/954,666

Applicant(s)

NARASIMHAN ET AL.

Examiner

Hassan Phillips

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 September 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Information Disclosure Statement*

1. The Information Disclosure Statement (IDS) filed January 12, 2004, has been received and considered by the examiner.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6, 9-14, 16-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Halliwell et al. (hereinafter Halliwell) U.S. patent 5,564,051.

4. In considering claims 1, 9, and 16, Halliwell discloses a method for obtaining a service comprising:

- a) identifying a service needed to perform a processing function in a processor based system coupled to a network, and searching at least one remote device on the network for the service to perform the processing function, (col. 1, lines 46-61).

5. In considering claims 2, 10, and 17, Halliwell further discloses:

- a) determining a local availability of the service, and searching at least one remote device on the network for the service, to perform the processing function, when the service is not locally available, (col. 1, lines 46-61).

6. In considering claims 3, 11, and 18, Halliwell further discloses:

- a) finding a first revision of the service that is locally available, and searching at least one remote device on the network for a second revision of the service that is later than the first revision, (col. 2, lines 33-41).

7. In considering claims 4, 12, and 19, Halliwell further discloses:

- a) automatically downloading the service from at least one remote device when the service is found thereon, and automatically installing the service in the processor based system to perform a processing function, (col. 3, lines 23-33).

8. In considering claims 5, 13, and 20, it is inherent that the method of Halliwell comprises a means for requesting a performance of the processing function on at least one remote device when the service is found thereon, and storing a data result, in the processor based system, that was generated by the at least one remote device. See col. 2, lines 42-56.

9. In considering claims 6, 14, and 21, Halliwell further discloses:

- a) consulting a list that associates the service with the at least one remote device, (col. 4, lines 55-67, col. 5, lines 1-20).

10. Claim 24 is rejected under 35 U.S.C. 102(b) as being anticipated by Chan et al. (hereinafter Chan) U.S. patent 6,073,147.

11. In considering claim 24, Chan discloses a method for obtaining service, comprising:

- a) identifying whether a font is stored in a font directory accessible by a processor based system, the font being included in a document to be rendered by the processor based system, the processor based system being coupled to a network, (col. 3, lines 62-67, col. 4, lines 1-4);
- b) searching at least one remote device on the network for the font to render the document when the font is not stored in the font directory, (col. 4, lines 4-5);
- c) automatically downloading the font from the remote device if the font is found thereon and installing the font in the processor based system, and performing the rendering operation using the font.

It is inherent in the method taught by Chan that a directory is consulted that associates the font with at least one remote device coupled to a network to be searched

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for the font when the font is not stored in the font directory. See col. 3, line 67, through col. 4, lines 1-4.

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 7, 8, 15, 22, 23, are rejected under 35 U.S.C. 103(a) as being unpatentable over Halliwell in view of Chan.

3. In considering claims 7, 15, and 22, although the disclosed method of Halliwell shows substantial features of the claimed invention, it fails to explicitly disclose:

- a) the service being a font, and the processing function rendering a digital document.

Nevertheless, in a similar field of endeavor, Chan discloses a method for obtaining a service comprising:

- a) examining a digital document to determine a font included therein, wherein the service is a font and the processing function entails rendering the digital document, (col. 2, lines 15-23).

Given the teachings of Chan, it would have been apparent to one of ordinary skill in the art to modify the teachings of Halliwell to have the processing function in the processor coupled to the network examine a digital document to determine a font included therein, wherein the service is a font and the processing function entails rendering the digital document. This would have saved large amounts of memory by obtaining fonts remotely, and would have also allowed for the viewing of documents which contained fonts that were not immediately available to the processor, Chan, col. 2, lines 6-14.

4. In considering claims 8 and 23, although the disclosed method of Halliwell shows substantial features of the claimed invention, it fails to explicitly disclose:

- a) downloading a font from a remote device after determining a font is not stored in the processor-based system.

Nevertheless, Chan discloses:

- a) determining whether a font is stored in a processor based system, searching a remote device on a network for the font, and automatically downloading the font from the remote device, (col. 2, lines 15-23).

Given the teachings of Chan, it would have been apparent to one of ordinary skill in the art to modify the teachings of Halliwell to search at least one remote device on the network when it is determined that a font is not stored in a font directory in the processor based system, download the font from the remote device, and install the font in the processor based system. This would have would have allowed for the viewing of

documents containing fonts that were, prior to downloading, not immediately available to the processor, Chan, col. 2, lines 6-14.

### ***Conclusion***

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Halliwell et al., U.S. Patent 5,564,051, discloses a system and method for automatically obtaining services needed for application programs.

Chan et al., U.S. Patent 6,073,147, discloses a system and method for automatically obtaining font services.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hassan Phillips whose telephone number is (703) 305-8760. The examiner can normally be reached on M-F 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess can be reached on (703) 305-4792. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HP  
3/25/04



**FRANTZ B. JEAN**  
**PRIMARY EXAMINER**